

## SEARCH NOTES

| Search Notes   | Date       | Examiner      |
|--|------------|---------------|
| 702/25, 45, 50, 127 - update - see printout - (USPGPUB; USPAT; USOCR)                                      | 04/12/2007 | DNW <i>rw</i> |
| IEEE keyword/keyphrase - see printout  | 04/12/2007 | DNW <i>rw</i> |
| Barlow, J AU 2863 consult; suggested Patel, H AU 2855  | 04/19/2007 | DNW           |
| Patel, H AU 2855 consult; suggested 73/861.23, 861.27, 861.28, 861.42, 861.52                              | 04/24/2007 | DNW           |
| EAST keyword/keyphrase - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB) | 05/10/2007 | DNW           |
| 73/861.23, 861.27, 861.28, 861.42, 861.52 - see printout - (USPGPUB; USPAT; USOCR)                         | 04/24/2007 | DNW           |
| Inventor name search - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB)   | 11/26/2007 | DNW           |
| EAST keyword/keyphrase - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB) | 11/26/2007 | DNW           |
| 702/24, 25, 45, 48 - update - see printout - (USPGPUB; USPAT)  | 11/26/2007 | DNW           |
| G01N31/00 - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB)              | 11/26/2007 | DNW           |
| G01F1/00 - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB)               | 11/26/2007 | DNW           |
| G01F7/00 - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB)               | 11/26/2007 | DNW           |
| G06F19/00 - update - see printout - (USPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM-TDB)              | 11/26/2007 | DNW <i>rw</i> |

## INTERFERENCE SEARCH

| Class | Subclass | Date       | Examiner      |
|-------|----------|------------|---------------|
| 702   | 45       | 11/26/2007 | DNW <i>rw</i> |
| 702   | 48       | 11/26/2007 | DNW <i>rw</i> |

## EAST Search History

| Ref | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-----|------|---|---|------------------|---------|------------------|
| L1  | 15   | ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) and ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy)) and (((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm"))))                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR               | ON      | 2007/11/26 07:58 |
| L2  | 2    | ("4216403" "7037268").pn. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB; USPAT; USOCR                                    | OR               | ON      | 2007/11/26 08:19 |

## EAST Search History

|    |     |  |                              |    |    |                  |
|----|-----|--|------------------------------|----|----|------------------|
| L3 | 160 | <p>702/24.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))))</p> | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:20 |
| L4 | 95  | <p>702/25.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))))</p> | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:20 |

## EAST Search History

|    |     |  |                              |    |    |                  |
|----|-----|--|------------------------------|----|----|------------------|
| L5 | 452 | 702/45.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1 w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm"))))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:20 |
| L6 | 58  | 702/48.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine detect sense measuring determining detecting sensing determination measurement detection measured detected determined sensed) with (((fluid gas liquid vapor) near3 (parameter property trait feature characteristic)) (steam adj quality) wetness ((vapor mass liquid solid) adj ratio) ((flow (mass adj flow)) adj rate) size density (volume adj fraction) enthalpy) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1 w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm"))))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:21 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| L7  | 2  | 702/24.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:22 |
| L8  | 2  | 702/25.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:23 |
| L9  | 19 | 702/45.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:25 |
| L10 | 7  | 702/48.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:22 |

## EAST Search History

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| L11 | 2  | 702/24.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:28 |
| L12 | 2  | 702/25.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:28 |
| L13 | 20 | 702/45.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/11/26 08:29 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L14 | 7    | 702/48.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR  | OR | ON  | 2007/11/26 08:31 |
| L15 | 655  | 702/45.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR  | OR | OFF | 2007/11/26 08:30 |
| L16 | 79   | 702/48.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR  | OR | OFF | 2007/11/26 08:30 |
| L17 | 523  | G01N31/00.ipc.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:31 |
| L18 | 358  | G01F1/00.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:31 |
| L19 | 36   | G01F7/00.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:31 |
| L20 | 8478 | G06F19/00.ipc.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:31 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L21 | 78 | (117 118 119 120) and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm"))))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/11/26 08:41 |
| L22 | 0  | 702/45.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) and (((("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))).clm. | US-PGPUB  | OR | ON | 2007/11/26 08:33 |
| L23 | 0  | 702/48.ccls. and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) and (((("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))).clm. | US-PGPUB  | OR | ON | 2007/11/26 08:33 |



## EAST Search History

|     |       |                          |   |    |     |                  |
|-----|-------|--------------------------|---|----|-----|------------------|
| L24 | 112   | (fernald same mark).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:38 |
| L25 | 49    | (fernald same m).in.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:38 |
| L26 | 451   | (fernald).in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:39 |
| L27 | 747   | (davis same michael).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:39 |
| L28 | 3224  | (davis same m).in.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:39 |
| L29 | 46668 | (davis).in.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:39 |
| L30 | 188   | (kersey same alan).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L31 | 176   | (kersey same a).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |
| L32 | 598   | (kersey).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |
| L33 | 107   | (bailey same timothy).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |
| L34 | 613   | (bailey same t).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |
| L35 | 14145 | (bailey).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:40 |
| L36 | 210   | (I26 I29 I32 I35) and (((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate)) ("at least" more several plural many plurality multiple numerous multiplicity) with (strain near3 (sensor detector transducer encoder))) ((measure determine measuring determining measurement determination) with (slope change) with (k\$1w near3 plane)) ((piezoelectric pvdf (polyvinylidene adj fluoride) (polarized adj fluoropolymer)) near3 (film substrate layer ply membrane sheet mylar laminate) same (layer ply thickness depth laminate) same (greater larger more deeper thicker) same ("8" near5 "mm")))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/11/26 08:41 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L37 | 379 | cidra.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:43 |
| L38 | 16  | cidra.as. and (l26 l29 l32 l35) and<br>(((piezoelectric pvdf (polyvinylidene adj<br>fluoride) (polarized adj fluoropolymer))<br>near3 (film substrate layer ply membrane<br>sheet mylar laminate)) ("at least" more<br>several plural many plurality multiple<br>numerous multiplicity) with (strain near3<br>(sensor detector transducer encoder)))<br>((measure determine measuring determining<br>measurement determination) with (slope<br>change) with (k\$1w near3 plane))<br>((piezoelectric pvdf (polyvinylidene adj<br>fluoride) (polarized adj fluoropolymer))<br>near3 (film substrate layer ply membrane<br>sheet mylar laminate) same (layer ply<br>thickness depth laminate) same (greater<br>larger more deeper thicker) same ("8" near5<br>"mm")))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2007/11/26 08:43 |
| L39 | 41  | cidra.as. and (((piezoelectric pvdf<br>(polyvinylidene adj fluoride) (polarized adj<br>fluoropolymer)) near3 (film substrate layer<br>ply membrane sheet mylar laminate)) ("at<br>least" more several plural many plurality<br>multiple numerous multiplicity) with (strain<br>near3 (sensor detector transducer encoder)))<br>((measure determine measuring determining<br>measurement determination) with (slope<br>change) with (k\$1w near3 plane))<br>((piezoelectric pvdf (polyvinylidene adj<br>fluoride) (polarized adj fluoropolymer))<br>near3 (film substrate layer ply membrane<br>sheet mylar laminate) same (layer ply<br>thickness depth laminate) same (greater<br>larger more deeper thicker) same ("8" near5<br>"mm"))))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/11/26 08:44 |